

INTERNATIONAL SEARCH REPORT

PCT/EP 03/13785

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A47L9/00 A47L5/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A47L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 39 04 394 A (MAUZ & PFEIFFER PROGRESS) 16 August 1990 (1990-08-16) cited in the application abstract column 1, line 39 - line 51 column 2, line 40 - column 3, line 8 figures	1-6
Y	US 5 699 585 A (OKA YASUHIRO ET AL) 23 December 1997 (1997-12-23) column 14, line 63 - column 15, line 8 figures 19,24,25	1-6
A	EP 1 208 786 A (AEG HAUSGERAETE GMBH) 29 May 2002 (2002-05-29) abstract figures	2



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

16 April 2004

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23/04/2004

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PCT/EP 03/13785

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2 608 709 A (BENJAMIN C P) 2 September 1952 (1952-09-02) figures 1,2	2

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PCT/EP 03/13785

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
DE 3904394	A	16-08-1990	DE US	3904394 A1 4996736 A		16-08-1990 05-03-1991
US 5699585	A	23-12-1997	JP JP JP JP CA CN GB HK KR SG	3157996 B2 8126597 A 3238032 B2 8224195 A 2160289 A1 1134805 A ,B 2295769 A ,B 1012878 A1 143444 B1 33566 A1		23-04-2001 21-05-1996 10-12-2001 03-09-1996 01-05-1996 06-11-1996 12-06-1996 28-04-2000 15-07-1998 18-10-1996
EP 1208786	A	29-05-2002	DE EP	10057264 A1 1208786 A1		06-06-2002 29-05-2002
US 2608709	A	02-09-1952		NONE		